



**Missouri Department of Natural Resources**  
**Air Pollution Control Program**

## **PART 70**

# **PERMIT TO OPERATE**

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth here in.

<b>Operating Permit Number:</b>	<b>OP2006-046</b>
<b>Expiration Date:</b>	<b>JUL 26 2011</b>
<b>Installation ID:</b>	<b>047-0011</b>
<b>Project Number:</b>	<b>2003-04-133</b>

**Installation Name and Address**

Bluegrass Folding Carton Company, LLC  
110 East Tenth Avenue  
North Kansas City, MO 64116  
Clay County

**Parent Company's Name and Address**

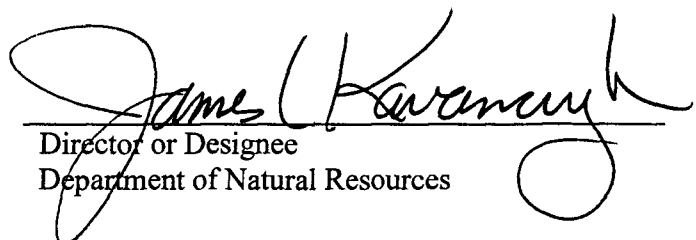
Bluegrass Container Company, LLC  
301 Commerce Street, Suite 3300  
Fort Worth, TX 76102

**Installation Description:**

Bluegrass Folding Carton Company, LLC (formerly Smurfit-Stone Container Enterprises, Inc.) manufactures folding cartons from paperboard. The installation is a major source of volatile organic compounds (VOC).

JUL 27 2006

Effective Date

  
Director or Designee  
Department of Natural Resources

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## I. Installation Description and Equipment Listing

### INSTALLATION DESCRIPTION

Bluegrass Folding Carton Company, LLC (formerly Smurfit-Stone Container Enterprises, Inc.) manufactures folding cartons from paperboard. The installation is a major source of volatile organic compounds (VOC).

Reported Air Pollutant Emissions, tons per year							
Year	Particulate Matter ≤ Ten Microns (PM-10)	Sulfur Oxides (SO <sub>x</sub> )	Nitrogen Oxides (NO <sub>x</sub> )	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Lead (Pb)	Hazardous Air Pollutants (HAPs)
1998	0.08	-	0.37	12.92	0.28	-	-
1999	0.1	-	0.35	13.31	0.27	-	0.59
2000	0.08	-	0.36	12.72	0.28	-	0.19
2001	0.06	-	0.35	11.32	0.27	-	0.57
2002	0.09	-	0.5	28.57	0.39	-	0.73
2003	0.06	-	0.45	28.73	0.27	-	0.28
2004	0.08	-	0.46	22.91	0.31	-	0.6

### EMISSION UNITS WITH LIMITATIONS

The following list provides a description of the equipment at this installation which emit air pollutants and which are identified as having unit-specific emission limitations.

Emission Unit #	Description of Emission Unit
EU0010	7-Color KBA Planeta 570 Printing Press (EP01 through EP 04)
EU0020	7-Color KBA Planeta 575 Printing Press (EP26 through EP29)
EU0030	Parts Washer

### EMISSION UNITS WITHOUT LIMITATIONS

The following list provides a description of the equipment that does not have unit specific limitations at the time of permit issuance.

#### Description of Emission Source

Plate processor  
Rinse gum machine  
Glue applicator  
Scrap paper baler  
4-Die Cutter Operations  
60" Ultraviolet Coater  
2-Sheeting Operations  
Finishing Department Equipment-Gluers (6 units)  
Paperboard Scrap Handling System  
2-40 HP each (1.34 MMBtu/hr) Hurst Natural Gas Fired Heating Boilers  
2 International 5A Cello Patching Machines

### DOCUMENTS INCORPORATED BY REFERENCE

These documents have been incorporated by reference into this permit.

- 1) Permit to Construct # 0396-008, Issued March 6, 1996

## II. Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

### Permit Condition PW001

10 CSR 10-6.060

**Construction Permits Required**

**Construction Permit Number: 0396-008, Issued on March 6, 1996**

#### **Emission Limitation:**

- 1) The permittee shall not emit from the entire installation more than 249 tons of volatile organic compounds (VOC) in any consecutive 12-month period. This condition establishes an emissions cap on all VOC sources at the installation. (Special Condition #1)
- 2) The permittee shall emit less than 10 tons for any individual hazardous air pollutant (HAP), and less than 25 tons for the combined sum of all HAPs from the installation. (Special Condition #4)
- 3) If in the opinion of the director, a continuing situation of demonstrated nuisance odors exists for the neighbors of the installation, the director may require the permittee to submit a corrective action plan adequate to timely and significantly mitigate the odors. The permittee shall implement any such plan immediately upon its approval by the director. Failure to either submit or implement such a plan shall be a violation of this permit. (Special Condition #9)

#### **Operational Practices:**

- 1) All inks, varnish coatings, acrylic coatings, cleaning solvents, fountain solutions, or any other material that emits volatile organic compounds shall be kept in sealed containers during transport and storage. (Special Condition #7)
- 2) The cleaning cloths used with the cleanup of the installation shall be placed in sealed containers when not in use and while awaiting off-site transportation. (Special Condition #8)

#### **Monitoring/Recordkeeping:**

- 1) Monthly records shall be kept that are adequate to determine the VOC emissions from the installation. These records shall also indicate the total quantity of VOC emissions over the previous 12-month period. Monthly recordkeeping for compliance with this condition must begin no later than February 1, 1996. Attachment A contains a log including these recordkeeping requirements. This log, or an equivalent created by the permittee, must be used to certify compliance with this requirement. (Special Condition #2)
- 2) Monthly records shall be kept that are adequate to determine the HAP emissions from the installation. These records shall also indicate the total quantity of HAP emissions over the previous 12-month period. Monthly recordkeeping for compliance with this condition must begin no later than February 1, 1996. Attachment B contains a log including these recordkeeping requirements. This log, or an equivalent created by the permittee, must be used to certify compliance with this requirement. (Special Condition #5)
- 3) The most recent 60 months of records shall be maintained on site and shall be made immediately available to Department of Natural Resources personnel upon request. (Special Conditions #2 and #5)

**Reporting:**

- 1) The permittee shall submit a copy of reports (Attachment A) identified in Special Condition #2 that demonstrate noncompliance with Special Condition #1 to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, within ten days after the end of the month in which the exceedance occurred. (Special Condition #3)
- 2) The permittee shall submit a copy of reports (Attachment B) identified in Special Condition #5 that demonstrate noncompliance with Special Condition #4 to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, within ten days after the end of the month in which the exceedance occurred. (Special Condition #6)

### III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

<b>EU0010 through EU0020</b> <b>Lithographic Printing Presses</b>
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General Description:	EU0010: 7-Color KBA Planeta 570 Press, Constructed 1992 EU0020: 7-Color KBA Planeta 575 Press, Constructed 2001
Manufacturer/Model #:	EU0010: Planeta, Model # 44" x 64", Serial No. 301903 EU0020: Planeta, Model # 648
EIQ Reference # (2004):	EU0010: Printing Folding Cartons (EP01) Alcohol Dilution (EP02) Solvent Clean Up (EP03) Fountain Solution (EP04) EU0020: Printing Folding Cartons (EP26) Alcohol Dilution (EP27) Solvent Clean Up (EP28) Fountain Solution (EP29)

<b>Permit Condition (EU0010 through EU0020)-001</b>
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10 CSR 10-2.340

**Control of Emissions From Lithographic Printing Facilities**

**Emission Limitation:**

- 1) The permittee shall not use or permit the use of any offset lithographic printing press unless—
  - a) The fountain solution contains 10.0% or less by weight of alcohol; or
  - b) The fountain solution contains is refrigerated to a temperature of 55 degrees Fahrenheit (°F), or less for alcohol-based solutions;
  - c) The fountain solution temperature at the mixing tank for alcohol-based solutions is monitored during each shift; and
  - d) The fountain solution mixing tanks containing are covered for alcohol-based based solutions.
- 2) The permittee shall not use or permit the use of any offset lithographic printing press that uses cleanup solutions containing VOCs unless—
  - a) The cleanup solutions are kept in tightly covered tanks or containers during transport and storage;
  - b) The cleaning cloths used with the cleanup solutions are placed in tightly closed containers when not in use and while awaiting off-site transportation. The cleaning cloths should be properly cleaned and disposed. The cloths, when properly cleaned or disposed, shall be processed in such a way that as much of the solvent, as practicable, is recovered for further use or is destroyed. Cleaning and disposal methods shall be approved by the director; and
  - c) The permittee may use an alternate method for reducing cleanup solvent VOC emissions, including the use of low VOC cleanup solvents, if the permittee shows the emission reduction is equal to or greater than those in 10 CSR 10-2.340(3)(B)1. and 2. This alternate method must be approved by the director.

**Monitoring:**

- 1) Percent of the alcohol content of the fountain solution by weight shall be monitored on a once per day basis using a calibrated hydrometer or refractometer;
- 2) Determination of fountain solution temperature for refrigerated fountain solutions shall be monitored on a once per shift basis by a thermometer or other temperature detection device capable of reading to 0.5 degree Fahrenheit (°F);
- 3) The permittee shall monitor the throughputs of alcohol, inks, clean-up solvents and coatings and shall maintain all material safety data sheets.
- 4) Testing and compliance demonstrations for 10 CSR 10-2.340(3)(C) shall follow the procedures contained in Environmental Protection Agency Reference Methods 25 or 25A found in 40 CFR Part 60, Appendix A.

**Recordkeeping:**

- 1) The permittee shall maintain records as required by 10 CSR 10-2.340(4) sufficient to determine continuous compliance. These records shall be kept for at least five years. These records shall be available immediately upon request for review by Department of Natural Resources personnel and other air pollution control agencies with proper authority.
- 2) For each regulated printing press, records shall be maintained to show (Attachment C):
  - a) Quantity of alcohol added to the fountain solution of each regulated press in pounds each month;
  - b) Percent of alcohol in fountain solution by weight as monitored on a once per shift basis;
  - c) Results of any testing conducted on an emission unit;
  - d) The temperature of alcohol-based fountain solution as recorded on a once-per shift basis.
- 3) For each lithographic installation, records shall be maintained to show (Attachment D):
  - a) Properties of heatset inks as applied (determined by the manufacturer's formulation data), density of inks in pound per gallon and total VOC content in weight percent;
  - b) Quantity of heatset inks as applied to substrate in pounds on a monthly basis;
  - c) Quantity of clean-up solvents used on a monthly basis; and
  - d) Quantity of coatings used on a monthly basis and percent VOC in coating by weight on a formulation basis.
- 4) Attachments C and D contain a log including these recordkeeping requirements. These logs, or an equivalent created by the permittee, must be used to certify compliance with these requirements.

**Reporting:**

The permittee shall report any deviations/exceedances of this permit condition using the semi-annual monitoring report and annual compliance certification to the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

**EU0030**  
**Parts Washer**

General Description:	Cold Solvent Cleaning-Parts Washer Unit, Constructed 2003
Manufacturer/Model #:	Zep
EIQ Reference # (2004):	EP25

**Permit Condition EU0030-001**

10 CSR 10-2.210

**Control of Emissions From Solvent Metal Cleaning**

**Emission Limitation:**

- 1) After August 30, 2002, no owner or operator shall operate a cold cleaner using a solvent with a vapor pressure greater than 2.0 mm Hg at 20 degrees Celsius.
- 2) After August 30, 2003, no owner or operator shall operate a cold cleaner using a solvent with a vapor pressure greater than 2.0 mm Hg at 20 degrees Celsius.
- 3) Exception: The permittee may use an alternative method for reducing cold cleaning emissions if the level of emission control is equivalent to or greater than the requirements listed above. The director must approve the alternative method.

**Operational Limitation/Equipment Specifications:**

- 1) Each cold cleaner shall have a cover which will prevent the escape of solvent vapors from the solvent bath while in the closed position, or an enclosed reservoir which limits the escape of solvent vapors from the solvent bath whenever parts are not being processed in the cleaner.
- 2) When one or more of the following conditions exist, the design of the cover shall be such that it can be easily operated with one hand such that minimal disturbing of the solvent vapors in the tank occurs. (For covers larger than ten square feet, this shall be accomplished by either mechanical assistance such as spring loading or counter weighing or by power systems):
  - a) The solvent vapor pressure is greater than 0.3 psi measure at 37.8 degrees Celsius (37.8°C) (100 degrees Fahrenheit (100°F)), such as in mineral spirits.
  - b) The solvent is agitated; or
  - c) The solvent is heated.
- 3) Each cold cleaner shall have a drainage facility which will be internal so that parts are enclosed under the cover while draining.
- 4) If an internal drainage facility cannot fit into the cleaning system and the solvent vapor pressure is less than 0.6 psi measured at 37.8°C (100°F), then the cold cleaner shall have an external drainage facility which provides for the solvent to drain back into the solvent bath.
- 5) Solvent sprays, if used, shall be a solid fluid stream (not a fine, atomized or shower-type spray) and at a pressure which does not cause splashing above or beyond the freeboard.
- 6) A permanent conspicuous label summarizing the operating procedures shall be affixed to the equipment.
- 7) Any cold cleaner which uses a solvent that has a solvent vapor pressure greater than 0.6 psi measured at 37.8°C (100°F) or is heated above 48.9°C (120°F), must use one of the following control devices:
  - a) A freeboard ratio of at least 0.75;
  - b) Water cover (solvent must be insoluble in and heavier than water); or
  - c) Other control systems with a mass balance demonstrated overall VOC emissions reduction efficiency greater than or equal to 65%. These control systems must receive approval from the director prior to their use.
- 8) Each cold cleaner shall be operated as follows:
  - a) Cold cleaner covers shall be closed whenever parts are not being handled in the cleaners or the solvent must drain into an enclosed reservoir.
  - b) Clean parts shall be drained in the freeboard area for at least 15 seconds or until dripping ceases, whichever is longer.
  - c) Whenever a cold cleaner fails to perform within the operating parameters established for it by this regulation, the unit shall be shut down immediately and shall remain shut down until trained service personnel are able to restore operation within the established operating procedures.



- d) Solvent leaks shall be repaired immediately or the cleaner shall be shut down and leaks secured until the leaks are repaired.
  - e) Any waste material removed from a cold cleaner shall be disposed of by one of the following methods in accordance with the Missouri Hazardous Waste Management Commission Rules codified as 10 CSR 25, as applicable:
    - i) Reduction of the waste material to less than 20% VOC solvent by distillation and proper disposal of the still bottom waste, or
    - ii) Stored in closed containers for transfer to a contract reclamation service or disposal facility approved by the director.
  - f) Waste solvent shall be stored in covered containers only.
- 9) Operators must be trained as follows:
- a) Only persons trained in at least the operation and equipment requirements specified in this rule for their particular solvent metal cleaning process to operate this equipment;
  - b) The supervisor of any person who operates a solvent metal cleaning process shall receive equivalent or greater operational training than the operators; and
  - c) Refresher training shall be given to all solvent metal cleaning equipment operators at least once every 12-month period.

**Monitoring:**

The permittee shall monitor the throughputs of the solvents monthly and maintain material safety data sheets of the cleanup solvents used at the installation.

**Recordkeeping:**

- 1) The permittee shall monitor the throughputs of the solvents monthly and maintain material safety data sheets of the cleanup solvents used at the installation.
- 2) The permittee shall maintain the following records for each purchase of cold cleaner solvent (Attachment G):
  - a) Name and address of the solvent supplier.
  - b) Date of purchase.
  - c) Type of solvent purchased.
  - d) Vapor pressure of solvent in mm Hg at 20°C or 68°F.
- 3) The permittee shall keep monthly inventory records of solvent types and amounts purchased and solvent consumed. The records shall include all types and amounts of solvent containing waste material transferred to either a contract reclamation service or to a disposal installation and all amounts distilled on the premises (see Attachment E). The record also shall include maintenance and repair logs that occurred on the cold cleaner (Attachments F).
- 4) The permittee shall keep training records of solvent metal cleaning for each employee on an annual basis (Attachment H).
- 5) All records shall be maintained for five years.

**Reporting:**

The permittee shall report any deviations/exceedances of this permit condition using the semi-annual monitoring report and annual compliance certification to the Air Pollution Control Program Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as required by 10 CSR 10-6.065(6)(C)1.C.(III).

## IV. Core Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

### 10 CSR 10-6.050 Start-up, Shutdown and Malfunction Conditions

- 1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days, in writing, the following information:
  - a) Name and location of installation;
  - b) Name and telephone number of person responsible for the installation;
  - c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
  - d) Identity of the equipment causing the excess emissions;
  - e) Time and duration of the period of excess emissions;
  - f) Cause of the excess emissions;
  - g) Air pollutants involved;
  - h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
  - i) Measures taken to mitigate the extent and duration of the excess emissions; and
  - j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
- 2) The permittee shall submit the paragraph 1 information list to the director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.
- 3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than 15 days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151, RSMo.
- 4) Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.
- 5) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

### 10 CSR 10-6.060 Construction Permits Required

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin

operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

#### **10 CSR 10-6.065 Operating Permits**

The permittee shall file a complete application for renewal of this operating permit at least six months before the date of permit expiration. In no event shall this time be greater than eighteen months. [10 CSR 10-6.065(6)(B)1.A(V)] The permittee shall retain the most current operating permit issued to this installation on-site. [10 CSR 10-6.065(6)(C)1.C(II)] The permittee shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request. [10 CSR 10-6.065(6)(C)3.B]

#### **10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information**

- 1) The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) in accordance with the requirements outlined in this rule.
- 2) The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079 to satisfy the requirements of the Federal Clean Air Act, Title V.
- 3) The fees shall be due April 1 each year for emissions produced during the previous calendar year. The fees shall be payable to the Department of Natural Resources and shall be accompanied by the Emissions Inventory Questionnaire (EIQ) form or equivalent approved by the director.

#### **10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential**

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

#### **10 CSR 10-6.150 Circumvention**

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

#### **10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin**

- 1) The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director.
- 2) The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.
- 3) Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
  - a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
  - b) Paving or frequent cleaning of roads, driveways and parking lots;
  - c) Application of dust-free surfaces;
  - d) Application of water; and

- e) Planting and maintenance of vegetative ground cover.

#### **10 CSR 10-6.180 Measurement of Emissions of Air Contaminants**

- 1) The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.
- 2) The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
- 3) The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

#### **10 CSR 10-2.100 Open Burning Restrictions**

- 1) The permittee shall not conduct, cause, permit or allow a salvage operation, the disposal of trade wastes or burning of refuse by open burning.
- 2) Exception - Open burning of trade waste or vegetation may be permitted only when it can be shown that open burning is the only feasible method of disposal or an emergency exists which requires open burning.
- 3) Any person intending to engage in open burning shall file a request to do so with the director. The request shall include the following:
  - a) The name, address and telephone number of the person submitting the application; The type of business or activity involved; A description of the proposed equipment and operating practices, the type, quantity and composition of trade wastes and expected composition and amount of air contaminants to be released to the atmosphere where known;
  - b) The schedule of burning operations;
  - c) The exact location where open burning will be used to dispose of the trade wastes;
  - d) Reasons why no method other than open burning is feasible; and
  - e) Evidence that the proposed open burning has been approved by the fire control authority which has jurisdiction.
- 4) Upon approval of the open burning permit application by the director, the person may proceed with the operation under the terms of the open burning permit. Be aware that such approval shall not exempt Bluegrass Folding Carton Company, LLC from the provisions of any other law, ordinance or regulation.
- 5) The permittee shall maintain files with letters from the director approving the open burning operation and previous DNR inspection reports.

#### **10 CSR 10-2.070 Restriction of Emission of Odors**

No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour.

**This requirement is not federally enforceable.**

#### **10 CSR 10-6.100 Alternate Emission Limits**

Proposals for alternate emission limitations shall be submitted on Alternate Emission Limits Permit forms provided by the department. An installation owner or operator must obtain an Alternate Emission Limits Permit in accordance with 10 CSR 10-6.100 before alternate emission limits may become effective.

- 1) The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.
- 2) The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

**10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants and 40 CFR Part 61 Subpart M National Emission Standard for Asbestos**

- 1) The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.
- 2) The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

**10 CSR 10-6.250 Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements**

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the department to monitor training provided to employees. Each individual who works in asbestos abatement projects must first obtain certification for the appropriate occupation from the department. Each person who offers training for asbestos abatement occupations must first obtain accreditation from the department. Certain business entities that meet the requirements for state-approved exemption status must allow the department to monitor training classes provided to employees who perform asbestos abatement.

**Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone**

- 1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
  - a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
  - b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
  - c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
  - d) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
- 2) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:

- a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
  - b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
  - c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
  - d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to §82.166. ("MVAC-like" appliance as defined at §82.152).
  - e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
  - f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
- 3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
  - 4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *Federal Only - 40 CFR part 82*

#### **10 CSR 10-6.280 Compliance Monitoring Usage**

- 1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
  - a) Monitoring methods outlined in 40 CFR Part 64;
  - b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - c) Any other monitoring methods approved by the director.
- 2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
  - a) Monitoring methods outlined in 40 CFR Part 64;
  - b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits", and incorporated into an operating permit; and
  - c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
- 3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
  - a) Applicable monitoring or testing methods, cited in:
    - i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources";
    - ii) 10 CSR 10-6.040, "Reference Methods";
    - iii) 10 CSR 10-6.070, "New Source Performance Standards";

- iv) 10 CSR 10-6.080, "Emission Standards for Hazardous Air Pollutants"; or
- b) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

## V. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued,

### 10 CSR 10-6.065(6)(C)1.B Permit Duration

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

### 10 CSR 10-6.065(6)(C)1.C General Recordkeeping and Reporting Requirements

- 1) Recordkeeping
  - a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
  - b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources' personnel upon request.
- 2) Reporting
  - a) All reports shall be submitted to the Air Pollution Control Program, Enforcement Section, P. O. Box 176, Jefferson City, MO 65102.
  - b) The permittee shall submit a report of all required monitoring by:
    - i) October 1st for monitoring which covers the January through June time period, and
    - ii) April 1st for monitoring which covers the July through December time period.
    - iii) Exception. Monitoring requirements which require reporting more frequently than semi annually shall report no later than 30 days after the end of the calendar quarter in which the measurements were taken.
  - c) Each report shall identify any deviations from emission limitations, monitoring, recordkeeping, reporting, or any other requirements of the permit, this includes deviations or Part 64 exceedances.
  - d) Submit supplemental reports as required or as needed. Supplemental reports are required no later than ten days after any exceedance of any applicable rule, regulation or other restriction. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
    - i) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7.A of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.
    - ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.
    - iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's semiannual report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.



- e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.
- f) The permittee may request confidential treatment of information submitted in any report of deviation.

**10 CSR 10-6.065(6)(C)1.D Risk Management Plan Under Section 112(r)**

The permittee shall comply with the requirements of 40 CFR Part 68, Accidental Release Prevention Requirements. If the permittee has more than a threshold quantity of a regulated substance in process, as determined by 40 CFR Section 68.115, the permittee shall submit a Risk Management Plan in accordance with 40 CFR Part 68 no later than the latest of the following dates:

- 1) June 21, 1999;
- 2) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or
- 3) The date on which a regulated substance is first present above a threshold quantity in a process.

**10 CSR 10-6.065(6)(C)1.F Severability Clause**

In the event of a successful challenge to any part of this permit, all uncontested permit conditions shall continue to be in force. All terms and conditions of this permit remain in effect pending any administrative or judicial challenge to any portion of the permit. If any provision of this permit is invalidated, the permittee shall comply with all other provisions of the permit.

**10 CSR 10-6.065(6)(C)1.G General Requirements**

- 1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.
- 2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit
- 3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- 4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.
- 5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The permittee may make a claim of confidentiality for any information or records submitted pursuant to 10 CSR 10-6.065(6)(C)1.

**10 CSR 10-6.065(5)(C)1.H Incentive Programs Not Requiring Permit Revisions**

No permit revision will be required for any installation changes made under any approved economic incentive, marketable permit, emissions trading, or other similar programs or processes provided for in this permit.

**10 CSR 10-6.065(5)(C)1.C Reasonably Anticipated Operating Scenarios**

None

**10 CSR 10-6.065(5)(C)1.E Title IV Allowances**

Not Applicable

**10 CSR 10-6.065(5)(C)1.J Emissions Trading**

Not Applicable

**10 CSR 10-6.065(6)(C)3 Compliance Requirements**

- 1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.
- 2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation's right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
  - a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
  - b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
  - c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.
- 3) All progress reports required under an applicable schedule of compliance shall be submitted semiannually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
  - a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
  - b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
- 4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to EPA Region VII, 901 North 5th Street, Kansas City, Kansas 66101, as well as the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and Part 64 exceedances and excursions must be included in the compliance certifications. The compliance certification shall include the following:
  - a) The identification of each term or condition of the permit that is the basis of the certification;
  - b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
  - c) Whether compliance was continuous or intermittent;
  - d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
  - f) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

#### **10 CSR 10-6.065(6)(C)6 Permit Shield**

- 1) Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date that this permit is issued, provided that:
  - a) The application requirements are included and specifically identified in this permit, or
  - b) The permitting authority, in acting on the permit revision or permit application, determines in writing that other requirements, as specifically identified in the permit, are not applicable to the installation, and this permit expressly includes that determination or a concise summary of it.
- 2) Be aware that there are exceptions to this permit protection. The permit shield does not affect the following:
  - a) The provisions of section 303 of the Act or section 643.090, RSMo concerning emergency orders,
  - b) Liability for any violation of an applicable requirement which occurred prior to, or was existing at, the time of permit issuance,
  - c) The applicable requirements of the acid rain program,
  - d) The authority of the Environmental Protection Agency and the Air Pollution Control Program of the Missouri Department of Natural Resources to obtain information, or
  - e) Any other permit or extra-permit provisions, terms or conditions expressly excluded from the permit shield provisions.

#### **10 CSR 10-6.065(6)(C)7 Emergency Provisions**

- 1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
  - a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
  - b) That the installation was being operated properly,
  - c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
  - d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.
- 2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

#### **10 CSR 10-6.065(6)(C)8 Operational Flexibility**

An installation that has been issued a Part 70 operating permit is not required to apply for or obtain a permit revision in order to make any of the changes to the permitted installation described below if the changes are not Title I modifications, the changes do not cause emissions to exceed emissions allowable under the permit, and the changes do not result in the emission of any air contaminant not previously emitted. The permittee shall notify the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, Kansas 66101, at least seven days in advance of these changes, except as allowed for emergency or upset conditions. Emissions allowable under the permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

- 1) Section 502(b)(10) changes. Changes that, under section 502(b)(10) of the Act, contravene an express permit term may be made without a permit revision, except for changes that would violate applicable

requirements of the Act or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting or compliance requirements of the permit.

- a) Before making a change under this provision, The permittee shall provide advance written notice to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, Kansas 66101, describing the changes to be made, the date on which the change will occur, and any changes in emission and any permit terms and conditions that are affected. The permittee shall maintain a copy of the notice with the permit, and the APCP shall place a copy with the permit in the public file. Written notice shall be provided to the EPA and the APCP as above at least seven days before the change is to be made. If less than seven days notice is provided because of a need to respond more quickly to these unanticipated conditions, the permittee shall provide notice to the EPA and the APCP as soon as possible after learning of the need to make the change.
- b) The permit shield shall not apply to these changes.

#### **10 CSR 10-6.065(6)(C)9 Off-Permit Changes**

- 1) Except as noted below, the permittee may make any change in its permitted operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Insignificant activities listed in the application, but not otherwise addressed in or prohibited by this permit, shall not be considered to be constrained by this permit for purposes of the off-permit provisions of this section. Off-permit changes shall be subject to the following requirements and restrictions:
  - a) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is subject to any requirements under Title IV of the Act or is a Title I modification;
  - b) The permittee must provide written notice of the change to the Air Pollution Control Program, Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 901 North 5th Street, Kansas City, Kansas 66101, no later than the next annual emissions report. This notice shall not be required for changes that are insignificant activities under 10 CSR 10-6.065(6)(B)3. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change.
  - c) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes; and
  - d) The permit shield shall not apply to these changes.

#### **10 CSR 10-6.020(2)(R)12 Responsible Official**

The application utilized in the preparation of this permit was signed by Mitch McGee, General Manager for Bluegrass Folding Carton Company, LLC. If this person terminates employment, or is reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within 30 days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

#### **10 CSR 10-6.065(6)(E)6 Reopening-Permit for Cause**

This permit may be reopened for cause if:

- 1) The Missouri Department of Natural Resources (MDNR) receives notice from the Environmental Protection Agency (EPA) that a petition for disapproval of a permit pursuant to 40 CFR § 70.8(d) has been granted, provided that the reopening may be stayed pending judicial review of that determination,
- 2) MDNR or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit,
- 3) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if—:
  - a) The permit has a remaining term of less than three years;
  - b) The effective date of the requirement is later than the date on which the permit is due to expire; or
  - c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit,
- 4) The installation is an affected source under the acid rain program and additional requirements (including excess emissions requirements), become applicable to that source, provided that, upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit; or
- 5) MDNR or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

#### **10 CSR 10-6.065(6)(E)1.C Statement of Basis**

This permit is accompanied by a statement setting forth the legal and factual basis for the draft permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

## **VI. ATTACHMENTS**

Attachments follow.

## Attachment A

10 CSR 10-6.060

This attachment may be used to demonstrate compliance with permit condition: PW001

### *Volatile Organic Compound Emissions*

This sheet covers the month of \_\_\_\_\_ in the year \_\_\_\_\_

[illegible]

(a) Instructions:

If the material usage is reported in tons: Column 2 \* Column 4 = Column 5

If the material usage is reported in pounds:  $\text{Column 2} * \text{Column 4} * 0.0005 = \text{Column 5}$

If the material usage is reported in gallons: Column 2 \* Column 3 \* Column 4 \* 0.0005 = Column 5

(b) see material safety data sheets (MSDS)

(c) Summation of Column 5

(d) A 12-month rolling total VOC emissions of not more than 249 tons indicates compliance.

## Attachment B

10 CSR 10-6.060

**This attachment may be used to demonstrate compliance with permit condition: PW001**

### ***Hazardous Air Pollutant Emissions***

This sheet covers the month of \_\_\_\_\_ in the year \_\_\_\_\_

[illegible]

(a) Instructions:

If the material usage is reported in tons: Column 2 \* Column 4 = Column 5

If the material usage is reported in pounds:  $\text{Column 2} * \text{Column 4} * 0.0005 = \text{Column 5}$

If the material usage is reported in gallons: Column 2 \* Column 3 \* Column 4 \* 0.0005 = Column 5

(b) see material safety data sheets (MSDS)

(c) Summation of Column 5

(d) A 12-month rolling total HAP emission of not more than 10 tons/year of a single HAP and 25 tons/year of combined HAPs indicates compliance.



## Attachment C

10 CSR 10-2.340

This attachment may be used to demonstrate compliance with permit condition: (EU0010 through EU0020)-001

### *Lithographic Printing Press Emissions*

TEMPERATURE SHOULD NEVER EXCEED FIFTY-FIVE DEGREES FARENHEIT (55°F)  
PERCENT (%) BY VOLUME OF ALCOHOL SHOULD NEVER EXCEED TEN PERCENT (10%).

Press:

[illegible]

## Attachment D

10 CSR 10-2.340

This attachment may be used to demonstrate compliance with permit condition: (EU0010 through EU0020)-001

### *Lithographic Installation Emissions*

For the month of: \_\_\_\_\_ in the year \_\_\_\_\_

[illegible]

## Attachment E

10 CSR 10-2.210

This attachment may be used to demonstrate compliance with permit condition: EU0030-001

## Solvent Containing Waste Transfer Log

[illegible]

Attachment F

10 CSR 10-2.210

This attachment may be used to demonstrate compliance with permit condition: EU0030-001

***Inspection/Maintenance/Repair/Malfunction Log***

Date	Equipment/Emission Unit	Activities Performed

10 CSR 10-2.210

This attachment may be used to demonstrate compliance with permit condition: EU0030-001

***Purchase Records for Cold Cleaning Solvent***

Date	Solvent Supplier Name	Solvent Supplier Address	Type of Solvent	Solvent Volatility in mmHg at 20°C (68°F)

This attachment may be used to demonstrate compliance with permit condition: EU0030-001

### *Employee Solvent Metal Cleaning Training Log*

[illegible]

## STATEMENT OF BASIS

### Permit Reference Documents

These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

- 1) Part 70 Operating Permit Renewal Application, received April 25, 2003;
- 2) Part 70 Operating Permit, Issued 10/26/1998;
- 3) 2003 Emissions Inventory Questionnaire, received April 2, 2004;
- 4) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition.
- 5) Construction Permit#0396-013
- 6) Construction Permit #1196-012
- 7) Construction Permit # 0797-008
- 8) Construction Permit #0699-031
- 9) Construction Permit # 042001-011

### Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits

In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

None

### Other Air Regulations Determined Not to Apply to the Operating Permit

The Air Pollution Control Program (APCP) has determined the following requirements to not be applicable to this installation at this time for the reasons stated.

10 CSR 10-6.220, *Restriction of Emission of Visible Air Contaminants*

10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds*

10 CSR 10-6.400, *Restriction of Emission of Particulate Matter From Industrial Processes*

10 CSR 10-2.040, *Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating*

Please see explanations under Other Regulatory Determinations.

### Construction Permit Review

The following construction permits were issued for this installation:

#### 1) Construction Permit 042001-011

This construction permit was issued to authorize installation of a new 8-color station sheetfed offset non-heatset lithographic printing press and cutting press (EP26-lithographic 2752, EP27-ink thinning solvent, EP28-lithographic cleanup, EP29-lithographic fountain solution). The press is a 64" KBA Planeta Varimat, Model 648 with a maximum hourly design rate of 61.01 lbs ink/hour. This permit does not contain any special conditions that apply only to this equipment, however, this permit does contain the same plantwide conditions found in Construction Permit #0396-008. These conditions are only listed once in the permit and cited to Construction Permit #0396-008 to avoid repetitiveness.

2) Construction Permit 0699-031

This construction permit was issued to authorize installation of a 60-inch Ultra Violet Coater with a maximum hourly design rate of  $6.28 \times 10^{-4}$  tons/hour. This permit does not contain any special conditions that apply only to this equipment, however, this permit does contain the same VOC plantwide conditions found in Construction Permit #0396-008. These conditions are only listed once in the permit and cited to Construction Permit #0396-008 to avoid repetitiveness.

3) No Permit Required Letter, Project # 047-0011-014, Dated January 13, 1998

This letter details the replacement of a Swiftly Right Angle Gluer with an International Speed Queen Gluer.

4) Like Kind Replacement Letter, Project #047-0011-013, Dated October 29, 1997

This letter details the replacement of a Bobst Die Cutter with a 160E Bobst Die cutter.

5) Construction Permit 0797-008

This construction permit was issued for the calendering machine (EP 27). The original construction permit application and permit (permit 1196-012) did not account for the VOC emissions from the application of coating in the machine. This permit does not contain any special conditions.

6) Extension to Construction Permit 0797-008, Dated April 9, 1999

This letter grants a one-year extension to construction permit 0797-008 for installation of the calendering machine.

7) Construction Permit 1196-012

This construction permit was issued to authorize replacement of existing 3-color Harris and 6-color Miehle presses with a 7-color 50" offset lithographic press and the replacement of a WUPA 63RII die-cutter with a Bobst 130-ER/II die cutter and an Easy Press system. Also the addition of a 56" Maxson sheeter and a high-speed calendaring machine. This permit does not contain any special conditions that apply only to this equipment, however, this permit does contain the same plantwide conditions found in Construction Permit #0396-008. These conditions are only listed once in the permit and cited to Construction Permit #0396-008 to avoid repetitiveness.

8) Construction Permit 0396-013

This construction permit was issued to authorize installation of a seventh printing station to an existing Miehle six-color press. This permit does not contain any special conditions that apply only to this equipment, however, this permit does contain the same plantwide conditions found in Construction Permit #0396-008. These conditions are only listed once in the permit and cited to Construction Permit #0396-008 to avoid repetitiveness.

9) Construction Permit 0396-008

This construction permit was issued to authorize installation of a plate processor, plate room, rinse gum machine, and other equipment for the production of printed cardboard boxes. . This permit does not contain any special conditions that apply only to this equipment . This permit establishes a plantwide VOC emissions cap of 249 tons/year and a HAPs emission cap of 10 tons/year single HAP and 25 tons/year combined HAPs. This permit supercedes construction permits 0692-017, 0793-027, 0594-004, and 1195-007.

10) Construction Permit 1195-007

This construction permit was issued to amend construction permit 0594-004 to increase the usage rate on acrylic coating used with the 7 color KBA Planeta printing press. This permit was superceded by Construction Permit 0396-008.

11) Construction Permit 0594-004

This construction permit was issued to correct permit limits regarding usage rates and VOC contents used with the 7 color KBA Planeta printing press constructed under permits 0793-027 and 0692-017. This permit was superceded by Construction Permit 0396-008.



12) Construction Permit 0793-027

This construction permit was issued to correct permit limits regarding solvent contents in the operation of the 7 color KBA Planeta printing press constructed under permit 0692-017. This permit was superseded by Construction Permit 0396-008.

13) Construction Permit 0692-017

This construction permit authorizes installation of a 7 color KBA Planeta printing press. This permit was superseded by Construction Permit 0396-008.

**NSPS Applicability**

The installation is not subject to any NSPS standards.

**MACT Applicability**

The installation is not subject to any MACT standards.

**NESHAP Applicability**

The installation is not subject to any NESHAP standards.

**CAM Applicability**

Not Applicable

**Other Regulatory Determinations**

1) Paperboard Scrap Handling System

This unit is not subject to 10 CSR 10-6.400, Restriction of Emission of Particulate Matter From Industrial Processes because the potential to emit is less than 0.5 lbs/hr. Therefore, these units are exempt from this rule according to 10 CSR 10-6.400(1)(B)11.

2) 2-40 HP each (1.34MMBtu/hr) Hurst Natural Gas Fired Heating Boilers

This unit is subject to the following:

10 CSR 10-2.040, *Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating*

10 CSR 10-6.220 *Restriction of Emission of Visible Air Contaminants*

10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds*

However, these regulations were not applied in the Operating Permit because this boiler would never exceed the emission limitations set forth in these rules.

3) The following equipment appears in the Operating Permit application, but does not appear in this Operating Permit because it was removed by May 2003:

Cello Machine, Laminator, Partition Inserter, Handle Applicator, 2.46 MMBtu/hr Natural Gas Boiler (EP-16), 3.7 MMBtu/hr Natural Gas Boiler (EP-17), Space Heaters (0.48 MMBtu/hr total)

4) Administrative Amendment, submitted June 16, 2006

This installation submitted an Administrative Amendment while this Operating Permit was undergoing the 45-day EPA review period. The amendment documented the sale of the installation to Bluegrass Container Company, LLC, with an accompanying change of name to Bluegrass Folding Carton Company, LLC. Since this change did not alter any applicable requirement and was submitted prior to permit issuance, the amendment was combined with the permit application.

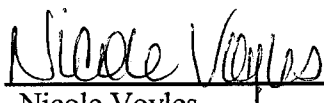
### **Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis**

Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons:

- 1) The specific pollutant regulated by that rule is not emitted by the installation;
- 2) The installation is not in the source category regulated by that rule;
- 3) The installation is not in the county or specific area that is regulated under the authority of that rule;
- 4) The installation does not contain the type of emission unit which is regulated by that rule;
- 5) The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the APCP's satisfaction, the installation's compliance with that regulation(s). If the installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the APCP a schedule for achieving compliance for that regulation(s).

Prepared by:



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Nicole Voyles  
Environmental Engineer